

ABSTRACT

A method for the preparation of a supported transition metal catalyst system which includes the steps of: (i) mixing together in a suitable solvent (a) an aluminoxane and (b) an ionic activator containing a cation and an anion, wherein the anion has at least one substituent containing a moiety having an active hydrogen, (ii) addition of the mixture from step (i) to a support material, and (iii) addition of a transition metal compound in a suitable solvent. The use of tetraisobutylaluminoxane as the aluminoxane results in a more stable activity profile and improved polymer properties in particular melt strength.